



OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 02
317 E. POE RD. • BOWLING GREEN, OH 43402 • 419-353-8131

Environmental Document for **HEN SR 110 1.21 GSM PID 111070** **Environmental Document Level: C1**

Approved: 2/24/2021

Prepared By: Caroline Ammerman
Stantec Consulting Services Inc.
E-mail: caroline.ammerman@stantec.com

District Contact: Phoenix Neal
Phone: 419-373-4329
E-mail: Phoenix.Neal@dot.ohio.gov

The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by ODOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated December 14, 2020, and executed by FHWA and ODOT.

Table of Contents

C1.....	3
Environmental Commitments.....	5
Preparers and Approvals.....	6
Appendix.....	7



C1

PID: 111070
Project Sponsor: DISTRICT 2 ENGINEERING
ODOT District: 2
Funding Source: Federal
Private Funding: No

Project Description:

The HEN-SR 110-1.21 (PID 11100) project is located just north of the Napoleon city limits, in Harrison Township, Henry County, Ohio. This project involves landslide remediation of 0.15 miles (792 feet) of SR 110 by a drilled shaft and plug pile retaining wall, in addition to minor pavement repairs. The project is sponsored by the Ohio Department of Transportation (ODOT) District 2. The project begins approximately 0.2 mile northeast of the intersection of County Road P3 and SR 110 (STA 68 + 50.00 SR 110) and extends northeast along SR 110 for approximately 792 feet to its terminus at STA 76 + 53.00. The project includes remediation of approximately 800 feet of slope failure on the west side of SR 110 where the Maumee River begins to encroach on the roadway embankment. The project consists of drilled shafts embedded in bedrock with plug piles serving as lagging between the shafts. The plug pile wall was selected to ensure that the embankment, containing a lower layer of sand, will be stabilized. All work is within the existing right of way.

Maintenance of Traffic: Maintenance of traffic will include two phases. Phase 1 will be implemented during the construction of the drilled shaft wall. During this phase, traffic will be maintained through the use of a signalized closure, allowing for alternating flow of traffic. The MOT will be coordinated with the Campbell Soup plant located directly across from the project area. During Phase 1 the existing Campbell Soup plant drive at approximate Station 71+40 will become an entrance only during construction and the existing Campbell Soup plant drive at approximate station 77+50 will become an exit only during construction. Phase 2 of the MOT will occur during the minor pavement repair to be performed after the construction of the drilled shaft wall. During this phase, the temporary traffic control used during Phase 1 will be removed and traffic will be maintained on the existing pavement through the use of flaggers. A minimum of one lane of traffic will be maintained at all times throughout both Phases 1 and 2 through the use of existing pavement. It is the intent to minimize the impact to the traveling public.

Environmental Impacts: All work will be performed above the Ordinary High Water Mark (OHWM) of the Maumee River, as state-listed scenic river. Therefore, there will be no impacts to the Maumee River. In addition, there will be no impacts to waters of the U.S. or isolated wetlands, floodplains, suitable habitat for federally listed or state listed species, and regulated materials concerns.

The environmental document and associated studies are being approved using Stage 2 Design Plans. A copy of the plans can be found in the project file.

STIP Reference #: 111070: 21-24 STIP



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Cultural Resources Coordination:

Minimal Potential to Cause Effect
Appendix A

Cultural Resources Coordination Date:

01/25/2021

Since no Tribe was interested in this project based on their customized preferences, no further Tribal consultation was conducted.

Supporting documentation has been uploaded to Project File:

Yes

Select the appropriate project type (more than one can be selected):

(24) Localized geotechnical and other investigations to provide information for preliminary design and for environmental analyses and permitting purposes, such as drilling test bores for soil sampling; archaeological investigations for archaeology resources assessment or similar survey; and wetland surveys **(This only applies to stand alone projects, not for environmental surveys being conducted as part of a project with an environmental document).**

Environmental Commitments:

Yes



Environmental Commitments

C1

- 1) To ensure impacts are avoided to the federally listed and protected northern long-eared and Indiana bat, and the state listed and protected little brown and tricolored bats, no trees shall be removed under this project. For the purposes of this note, a tree is defined as a live, dying, or dead woody plant, with a trunk three inches or greater in diameter at a height of 4.5 feet above the ground surface, and with a minimum height of 13 feet.
- 2) This project is located in or near the source of the Henry County Regional Water & Sewer District's public drinking water supplies. Keep all idle equipment, fuels, lubricants, and any storage for/of potentially toxic or hazardous materials out of the FEMA designated special flood hazard area and not within 1000 feet of the Maumee River. Do not perform maintenance activities associated with any viscous material that has potential to contaminate the groundwater. The Contractor shall immediately take steps to mitigate any event, such as a spill of fuels, oils, or chemicals. Any such spill or event shall be reported immediately to the emergency contact listed below for each drinking water source. If the spill is a reportable amount (quantities prescribed in OAC Chapter 3750-25), the Contractor should contact the City of Napoleon Fire Chief, Clayton O'Brien at (419) 592-0441 for clean-up of the spill; as well as the Local Emergency Planning Committee (LEPC) Director, Nick Nye at (419) 599-5827; the Local Emergency Management Agency (EMA) Director, Tracy Busch at (419) 599-6432; and the Ohio EPA Environmental Response and Revitalization (419) 373-3031 or 800-282-9378 for cleanup of the spill.
- 3) The Contractor shall notify the Project Engineer 40 days prior to work within 1000 feet of the Maumee River. The Project Engineer will notify the District Environmental Coordinator 35 days prior to work within 1000 feet of the scenic river. If coordination with ODNR has not already occurred, and the project requires notification to the Scenic River Manager prior to construction per the Scenic River MOA, the District Environmental Coordinator will coordinate with ODNR Scenic Rivers 30 days prior to any work within 1000 feet of the Maumee River.
- 4) Dispose of all construction debris, earthen debris, excess asphalt or concrete, wood debris from clearing, excess fill material, and trash at an approved upland site or land fill above FEMA 100-year flood elevations and not within 1000 feet of the Maumee River.



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Preparers and Approvals

Form Preparer:

Caroline Ammerman
Stantec Consulting Services Inc.
11687 Lebanon Road, Cincinnati OH 45241-2012
caroline.ammerman@stantec.com

Supporting Form Preparer(s):

Phoenix Neal
Caroline Ammerman

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Phoenix Neal (ENV SPEC 2)	2/24/2021



Appendix

General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Air

PM2.5 and Ozone Process Flowcharts.pdf

Noise

Noise Flowchart.pdf

ESA

District Recommendations - Screening.pdf

Ecological

Ecologically Exempt Documentation Form.pdf

Response to Scenic Rivers MOA Conditions.pdf

Other Resources

Sole Source Aquifer Mapping.pdf

USGS Topographical Quadrangle Map.pdf

Well Log Data.pdf

Section 6(f)

LWCF Grant Listing.pdf

Underserved Populations

Census Mapping.pdf

Underserved Populations Documentation Form.pdf

Public Involvement

Property Owner Notification Letter.pdf

Public Notification Mailing List.pdf

Permits

District Determination - No Floodplain Impacts.pdf

FEMA FIRM.pdf